4. (Amended) The recording apparatus according to claim 3, wherein

said reproducing means reproduces said first data recorded in said recording medium after a passage of a predetermined <u>period of</u> time in order of recording said first data in said recording medium.

5. (Amended) The recording apparatus according to claim 1, wherein

said control means, when said recording means is controlled so as to [endless-record] <u>endlessly-record</u> said data in said recording medium, endless--records said first data in a first region of said recording medium, and when said start point and end point of said second data are input through said input means, controls said recording means so as to [endless-record] <u>endlessly-record</u> said first data in said first region while avoiding a predetermined second region out of said first region of said recording medium.

6. The recording apparatus according to claim 1, wherein

said control means controls said recording means so as to record said first date in a first region of said recording medium, and controls said recording means so as to generate assisting data for identifying said first data and record the assisting data in a second region different from said first region of said recording medium.

7. (Amended) The recording apparatus according to claims 1 [and] <u>or</u> 3, wherein

said control means controls said recording means so as to record said first data in a first region of said recording medium; controls said recording means so as to generate assisting data for identifying said first data and record the assisting data in a second region different from said first region of said recording medium; further controls said reproducing means so as to reproducing said assisting data recorded in said second region of said recording medium when reproducing said first data by said reproducing

means; and when said start point and end point of said second data are input by said input means, controls said recording means so as to generate said assisting data corresponding to said start point and end point and record said assisting data in said second region of said recording medium.

8.   (Amended) The recording apparatus according to claim 6 [and/or claim 7], wherein

said assisting data comprises a file name corresponding to said first and/or second data, a time code added to said first and/or second data, and a head address of said recording medium in which said first and/or second data are recorded.

9.   (Amended) A recording/reproducing apparatus for recording input data in a recording medium capable of non linear access, and reproducing and outputting the recorded data, comprising:

recording means for recording input first data in said recording medium;

input means for inputting a start point and an end point of desired second data out of said first data to be recorded or already recorded in said recording medium by said recording means;

control means, when said start point and end point of said second data are input through said input means, for controlling said recording means so as to endlessly-record said first data in said recording medium while avoiding the recording region of said recording medium in which said second data has been recorded; and

reproducing means for reproducing and outputting said first data recorded in said recording medium.

12.   (Amended) The recording/reproducing apparatus according to claim 9, wherein

said control means, when controlling said recording means so as to endlessly-record said first data in said recording medium, [endless-records]

endlessly-records said first data in a first region of said recording medium, and when said start point and end point of said second data are input through said input means, controls said recording means so as to endlessly-record said first data in said first region while avoiding a predetermined second region out of said first region of said recording medium (endlessly-recording in a predetermined region on a HD).

15. (Amended) The recording/reproducing apparatus according to claims 13 [and] or 14, wherein

said assisting data comprises a file name corresponding to said first and/or second data, a size of said first and/or second data, a time code added to said first and/or second data, and a head address of said recording medium in which said first and/or second data are recorded (contents of file system).

21. (Amended) The recording method according to claims 16 [and] or 17, wherein:

said first step endlessly-records said first data in a first region of said recording medium, generates assisting data for identifying said first data, which is recorded in a second region different from said first region of said recording medium, and further, when reproducing said first data, reproduces said assisting data recorded in said recording medium; and

said second step, when said start point and/or "end point of said desired second data are/is input at first step, generates said assisting data corresponding to said start point and/or end point, and records said assisting data in said second region of said recording medium (file system renewal).

22. (Amended) The recording method according to claim 20 [and/or claim 21], wherein

said assisting data comprises a file name corresponding to said first and/or second data, a time code added to said first and/or second data, and a head address of said recording medium in which said first and/or second data has been recorded.

28.   (Amended) The recording/reproducing method according to claims 23 [and] or 24, wherein:

said first step endlessly-records said first data in a first region of said recording region, generates assisting data for identifying said first data, which is recorded in a second region different from said first region of said recording medium, and further, when said first data is reproduced at said third step, also reproduces said assisting data recorded in said recording medium; and

said second step, when said start point and/or end point of said desired second data are/is input at said first step, generates said assisting data corresponding to said start point and/or end point and records said assisting data in said second region of said recording medium (file system renewal).

29.   (Amended) The recording/reproducing method according to claim 27 [and/or claim 28], wherein

said assisting data comprises a file name corresponding to said first and/or second data, a time code added to said first and/or second data, and a head address of said recording medium in which said first and/or second data has been recorded.

Please add the following new claims:

30.   The recording apparatus according to claim 7, wherein

said assisting data comprises a file name corresponding to said first and/or second data, a time code added to said first and/or second data, and a head address of said recording medium in which said first and/or second data are recorded.

31.   The recording method according to claim 21, wherein

said assisting data comprises a file name corresponding to said first and/or second data, a time code added to said first and/or second data, and a